

AMENDMENTS TO THE CLAIMS

Rewrite claims 1 and 8, as indicated below.

Add new claims 11-18.

What is claimed is:

1. (Currently Amended) A spraying system for discharging a flat spray pattern comprising:
a spray gun having a discharge end, a locating pin being arranged on the discharge end of the spray gun; and
a spray nozzle selectively mountable on the discharge end of the spray gun, the spray nozzle having a discharge orifice configured to produce a ~~asymmetrically distributed~~ flat fluid discharge spray pattern wherein the location of maximum fluid discharge is offset from the center of the fluid discharge pattern, the said spray nozzle having an alignment notch extending along an outer surface of the spray nozzle,
~~wherein the said~~ locating pin is being arranged on the spray gun and the alignment notch is being arranged on the spray nozzle such that when the spray nozzle is mounted on the discharge end of the spray gun in a predetermined orientation the locating pin extends into the alignment slot and the alignment notch provides an external visual observation to a user of the spray gun of the orientation of a flat spray pattern to be discharged from the spray nozzle during usage of the spray gun.
2. (Original) The spraying system according to claim 1 wherein the alignment notch extends a majority of the length of the spray nozzle.
3. (Original) The spraying system according to claim 1 further including a retaining element for securing the spray nozzle to the discharge end of the spray gun.
4. (Original) The spraying system according to claim 3 wherein the spray nozzle includes a retaining flange at an inlet end thereof which is engaged by the retaining member when the spray nozzle is secured on the discharge end of the spray gun by the retaining member.

5. (Original) The spraying system according to claim 4 wherein the alignment notch extends through the retaining flange on the spray nozzle.

6. (Original) The spraying system according to claim 1 wherein the alignment notch extends in a longitudinal direction of the spray nozzle.

7. (Original) The spraying system according to claim 6 wherein the alignment notch extends to an inlet end of the spray nozzle.

8. (Currently Amended) A spray nozzle comprising a nozzle body and a spray tip, the spray tip including a discharge orifice configured to produce a ~~asymmetrically distributed~~ a flat fluid discharge spray pattern wherein the location of maximum fluid discharge is offset from the center of the fluid discharge pattern, the said nozzle body having an alignment notch extending in a longitudinal direction of the spray nozzle along an outer surface of the nozzle body, ~~the said~~ alignment notch being arranged in a predetermined orientation relative to the discharge orifice for providing an external visual observation to a user of the spray nozzle of the orientation of a flat spray pattern to be discharged from the spray nozzle.

9. (Original) The spray nozzle according to claim 7 wherein the alignment notch extends a majority of the length of the spray nozzle.

10. (Original) The spray nozzle according to claim 8 wherein the alignment notch extends to an inlet end of the spray nozzle.

11. (New) A spraying system comprising:
a spray gun having a discharge end, a locating pin being arranged on the discharge end of the spray gun; and
a spray nozzle selectively mountable on the discharge end of the spray gun, the spray nozzle having a discharge orifice configured to produce a asymmetrically distributed fluid discharge pattern wherein the location of maximum fluid discharge is offset from the center

of the fluid discharge pattern, the spray nozzle having an alignment notch extending along an outer surface of the spray nozzle a majority of the length of the spray nozzle,

wherein the locating pin is arranged on the spray gun and the alignment notch is arranged on the spray nozzle such that when the spray nozzle is mounted on the discharge end of the spray gun in a predetermined orientation the locating pin extends into the alignment slot.

12. (New) A spraying system comprising:

a spray gun having a discharge end, a locating pin being arranged on the discharge end of the spray gun; and

a spray nozzle selectively mountable on the discharge end of the spray gun, the spray nozzle having a discharge orifice configured to produce an asymmetrically distributed fluid discharge pattern wherein the location of maximum fluid discharge is offset from the center of the fluid discharge pattern, the spray nozzle having an alignment notch extending along an outer surface of the spray nozzle to an inlet end of the spray nozzle,

wherein the locating pin is arranged on the spray gun and the alignment notch is arranged on the spray nozzle such that when the spray nozzle is mounted on the discharge end of the spray gun in a predetermined orientation the locating pin extends into the alignment slot.

13. (New) A spray nozzle comprising a nozzle body and a spray tip, the spray tip including a discharge orifice configured to produce an asymmetrically distributed fluid discharge pattern wherein the location of maximum fluid discharge is offset from the center of the fluid discharge pattern, the nozzle body having an alignment notch extending in a longitudinal direction of the spray nozzle along an outer surface of the nozzle body a majority of the length of the spray nozzle, the alignment notch being arranged in a predetermined orientation relative to the discharge orifice.

14. (New) A spray nozzle comprising a nozzle body and a spray tip, the spray tip including a discharge orifice configured to produce an asymmetrically distributed fluid discharge pattern wherein the location of maximum fluid discharge is offset from the center of the fluid discharge pattern, the nozzle body having an alignment notch extending in a longitudinal direction of the spray nozzle along an outer surface of the nozzle body to an inlet

end of the spray nozzle, the alignment notch being arranged in a predetermined orientation relative to the discharge orifice.

15. (New) The spraying system of claim 1 in which said spray nozzle discharge orifice is configured to produce an asymmetrically distributed flat fluid discharge spray pattern wherein the location of the maximum fluid discharge is offset from the center of the fluid discharge pattern.

16. (New) The spraying system of claim 1 in which said spray nozzle discharge orifice is defined by an elongated cross slot extending transversely across the end of the spray nozzle, and said alignment notch is located in aligned relation to an elongated end of the cross slot.

17. (New) The spray nozzle of claim 8 in which said spray nozzle discharge orifice is configured to produce an asymmetrically distributed flat fluid discharge spray pattern wherein the location of the maximum fluid discharge is offset from the center of the fluid discharge pattern.

18. (New) The spray nozzle of claim 8 in which said spray nozzle discharge orifice is defined as elongated cross slot extending transversely across the end of the spray nozzle, and said alignment notch is located in aligned relation to an elongated end of the cross slot.

19. (New) A spray nozzle comprising a nozzle body and a spray tip, the spray tip including a discharge orifice formed in a front end of said nozzle configured to produce a flat fluid discharge spray pattern said, nozzle body having an alignment opening extending into said nozzle and visible from a front end of said nozzle, said alignment opening being arranged in predetermined orientation relative to the discharge orifice for providing an external visual observation to a user of the spray nozzle of the orientation of a flat spray pattern to be discharged from the spray nozzle discharge orifice.

20. (New) The spray nozzle of claim 19 in which said spray nozzle discharge orifice is defined by an elongated cross slot extending across the end of said spray nozzle, and said alignment opening is located in aligned relation to an elongated end of said cross slot.

21. (New) The spray nozzle of claim 19 in which said spray nozzle discharge orifice is configured to produce an asymmetrically distributed flat liquid spray discharge pattern wherein the location of the maximum fluid discharge is offset from the center of the fluid discharge pattern.

This listing of claims replaces all prior versions, and listings, of claims in the application.